

Subject

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT:

- (A) NAME: Pasteur Sanofi Diagnostics
- (B) STREET: 3 boulevard Raymond Poincaré
- (C) CITY: Marnes la Coquette
- (E) COUNTRY: France
- (F) POSTAL CODE (ZIP): 92430
- (G) TELEPHONE: 0153774000
- (H) TELEFAX: 0153774183

(ii) TITLE OF INVENTION : Synthetic peptides which can be used in biological tests for the detection of infections due to the group O HIV-1 virus

(iii) NUMBER OF SEQUENCES: 16

(iv) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Floppy disk
- (B) COMPUTER: IBM PC compatible
- (C) OPERATING SYSTEM: PC-DOS/MS-DOS
- (D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 22 amino acids
- (B) TYPE: amino acid

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

Leu Leu Ser Leu Trp Gly Cys Arg Gly Lys Ala Val Cys Tyr Thr Ser
1 5 10 15

Val Gln Trp Asn Glu Thr
20

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 22 amino acids
- (B) TYPE: amino acid

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

Leu Leu Ser Leu Trp Gly Cys Arg Gly Arg Leu Val Cys Tyr Thr Ser
 1 5 10 15

Val Gln Trp Asn Glu Thr
 20

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 22 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:

- (A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

Leu Leu Ser Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser
 1 5 10 15

Val Gln Trp Asn Glu Thr
 20

(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 22 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:

- (A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

Leu Leu Ser Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser
 1 5 10 15

Val Gln Trp Asn Ser Thr
 20

(2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 22 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:
 (A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

Leu Leu Gln Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser
 1 5 10 15

Val Gln Trp Asn Ser Thr
 20

(2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 22 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:
 (A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

Leu Leu Asn Ser Trp Gly Cys Arg Gly Lys Ala Val Cys Tyr Thr Ser
 1 5 10 15

Val Gln Trp Asn Glu Thr
 20

(2) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 22 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:
 (A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

Leu Leu Ser Leu Trp Gly Cys Arg Gly Arg Ala Val Cys Tyr Thr Ser
 1 5 10 15
 Val Gln Trp Asn Glu Thr
 20

(2) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 22 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:
 (A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

Leu Leu Ser Ser Trp Gly Cys Arg Gly Arg Leu Val Cys Tyr Thr Ser
 1 5 10 15
 Val Gln Trp Asn Glu Thr
 20

(2) INFORMATION FOR SEQ ID NO: 9:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 16 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:
 (A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

Leu Leu Ser Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser
 1 5 10 15

(2) INFORMATION FOR SEQ ID NO: 10:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 16 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:
 (A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

Leu Leu Asn Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser
 1 5 10 15

(2) INFORMATION FOR SEQ ID NO: 11:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 32 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:
 (A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

Ala Leu Glu Thr Leu Leu Gln Asn Gln Leu Leu Asn Ser Trp Gly
 1 5 10 15

Cys Arg Gly Arg Leu Val Cys Tyr Thr Ser Val Arg Trp Asn Glu Thr
 20 25 30

(2) INFORMATION FOR SEQ ID NO: 12:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 32 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:
(A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:

Ala	Leu	Glu	Thr	Leu	Leu	Gln	Asn	Gln	Gln	Leu	Leu	Asn	Ile	Trp	Gly
1				5					10					15	
Cys	Arg	Gly	Arg	Leu	Val	Cys	Tyr	Thr	Ser	Val	Arg	Trp	Asn	Glu	Thr
			20					25					30		

(2) INFORMATION FOR SEQ ID NO: 13:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 32 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:
(A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:

Ala	Leu	Glu	Thr	Leu	Leu	Gln	Asn	Gln	Gln	Leu	Leu	Asp	Leu	Trp	Gly
1				5					10					15	
Cys	Arg	Gly	Arg	Leu	Val	Cys	Tyr	Thr	Ser	Val	Arg	Trp	Asn	Glu	Thr
			20					25					30		

(2) INFORMATION FOR SEQ ID NO: 14:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 22 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vi) ORIGINAL SOURCE:
(A) ORGANISM: syn

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:

Leu Asn Gln Gln Arg Leu Leu Asn Ser Trp Gly Cys Lys Gly Arg Leu
1 5 10 15
Val Cys Tyr Thr Ser Val
20